
From: Jeffrey R Marcell (Generation - 3) [/O=DOMINION/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=JEFF136]
Sent: 6/11/2015 7:38:40 AM
To: Keith M. Homza (Generation - 3) [/O=DOMINION/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=Keith20]; Barbara Monteiro (Generation - 3) [/O=DOMINION/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=Barba19]; Dana West (Generation - 3) [/O=DOMINION/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=DANA0608a5]
Subject: FW: Pond E Bypass Justification_Draft
Attachments: 20150608 Final.xlsx

FYI

First set of sampling data for dewatering E Pond and standing water in D Pond.

Jeff Marcell

Environmental Supervisor

Possum Point Power Station

Ladysmith & Remington CT Sites

703-441-3813 (phone)

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From: Scott Quinlan [mailto:s.quinlan@gaiconsultants.com]
Sent: Wednesday, June 10, 2015 4:54 PM
To: Kenneth Roller (Services - 6)
Cc: Oula K Shehab-Dandan (Services - 6); Amelia H Boschen (Services - 6); Doug Wight (Generation - 34); Michael A Glagola (Generation - 34); Jeffrey R Marcell (Generation - 3); John Klamut; John DeBarbieri
Subject: RE: Pond E Bypass Justification_Draft

Ken:

The Pond D and Pond E surface water samples were taken on May 5, 2015. The samples were collected after Pond E was decanted, but prior to stormwater/waters in contact with ash were being pumped from Pond E to Pond D. Further, the oily waste had not been sent to Pond D until after May 5, 2015. The samples taken had exceeded the TSS limit, but we do not anticipate that to be an ongoing issue. We took a sample of the Pond D surface water yesterday (June 9, 2015) and are awaiting the results. This recent grab sample was obtained near the Pond D outlet structure (to the southwest) whereas the prior sample was obtained in the northeast corner of Pond D. Two additional samples will be taken.

Regarding the parameters, we wanted to use the limits (and logic) of how we discharged Pond E through 005. The additional parameters were purposely omitted for that reason. If it is decided to go the full parameter route, the justification will need to be altered.

Presently, we are going through your calculated maximum effluent limits (in the spreadsheet attached to your email on May 06, 2015). We can update the Pond D quality table to include the other parameters that might (if left untreated) contribute to a violation of the water quality criteria for the receiving stream. Please note that total and dissolved metals, O&G, TSS, pH, and hardness were tested (see attached sample test results to date).

I will give you a call tomorrow to make catch up on this. Thanks.

Sincerely,

Scott C. Quinlan, PE
Director – Energy Water Resources Engineering and Planning

GAI Consultants, Inc.

500 Cranberry Woods Drive, Cranberry Township, PA 16066

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From: Kenneth Roller (Services - 6) [<mailto:kenneth.roller@dom.com>]

Sent: Wednesday, June 10, 2015 12:33 PM

To: Scott Quinlan

Cc: Oula K Shehab-Dandan (Services - 6); Amelia H Boschen (Services - 6); Doug Wight (Generation - 34); Michael A Glagola (Generation - 34); Jeffrey R Marcell (Generation - 3); John Klamut; John DeBarbieri

Subject: RE: Pond E Bypass Justification_Draft

All,

I've been giving this some more thought and I don't see any way that DEQ is going to allow us to discharge directly from Pond D through Outfall 005 if the data we provide them 1) was generated before we started routing the oily waste basin and ash dewatering wastewater to the pond, and 2) shows that we're above the limit for TSS. So, I suggest that we collect additional samples from Pond D and analyze them for a subset of "key" parameters of concern. If those data look good then we can approach DEQ with the request to bypass.

What are the key parameters?

Attached is a spreadsheet that contains the combined analytical data generated for the wastewaters to date (I have excluded the organics as none were detected and we would not expect them to be present). Any parameter in the spreadsheet with a water quality criterion is a key parameter. In addition, I suggest measuring both total and dissolved metals and the Part I.A permit parameters: O&G, TSS, pH, and hardness (because it is used in the calculation of some criterion).

Thanks,

Ken

From: Scott Quinlan [<mailto:s.quinlan@gaiconsultants.com>]

Sent: Tuesday, June 09, 2015 6:00 PM

To: Kenneth Roller (Services - 6)

Cc: Oula K Shehab-Dandan (Services - 6); Amelia H Boschen (Services - 6); Doug Wight (Generation - 34); Michael A Glagola (Generation - 34); Jeffrey R Marcell (Generation - 3); John Klamut; John DeBarbieri

Subject: RE: Pond E Bypass Justification_Draft

All – John Klamut made a good suggestion regarding some wording. Please work off of this version. Thanks.

Scott

From: Scott Quinlan

Sent: Tuesday, June 09, 2015 5:27 PM

To: 'Kenneth Roller (Services - 6)'

Cc: Oula Shehab-Dandan (oula.k.shehab-dandan@dom.com); 'Amelia H Boschen (Services - 6)'; Doug Wight (Generation - 34); Michael A Glagola (Generation - 34); Jeffrey R Marcell (jeffrey.r.marcell@dom.com); John Klamut; John DeBarbieri

Subject: Pond E Bypass Justification_Draft

Ken:

Pursuant to our discussion yesterday, we have attached a draft version of the Pond E bypass justification. Please edit as you see fit for presentation to the DEQ. Alternately, we can incorporate changes as your team recommends. Let me know if you have any questions or need anything else. Thanks.

Sincerely,

Scott C. Quinlan, PE

Director – Energy Water Resources Engineering and Planning

00010028

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